

CLIENT/SERVER ARCHITECTURE

110

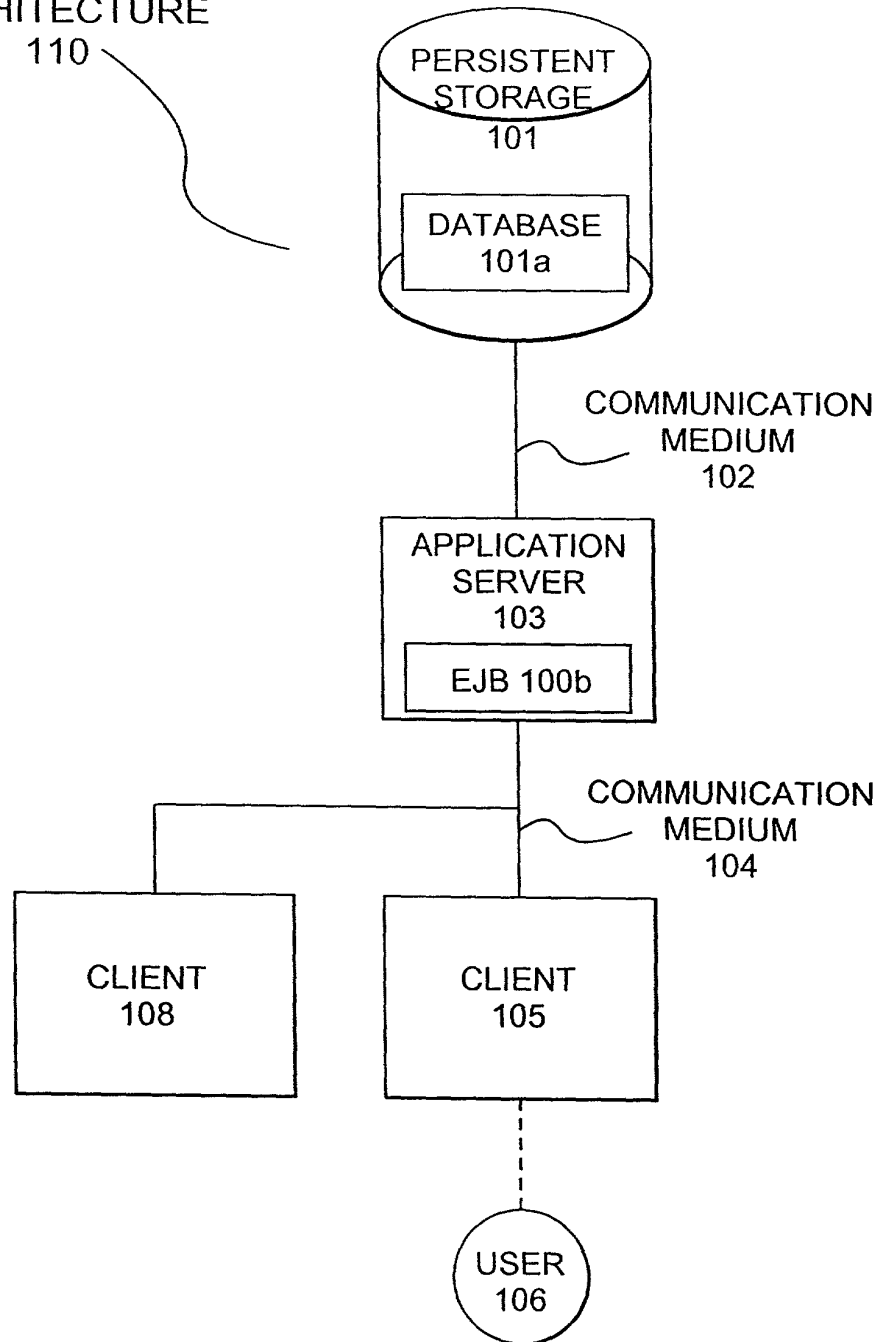


FIG. 1A

(PRIOR ART)

JAVA ENTERPRISE APIs 100

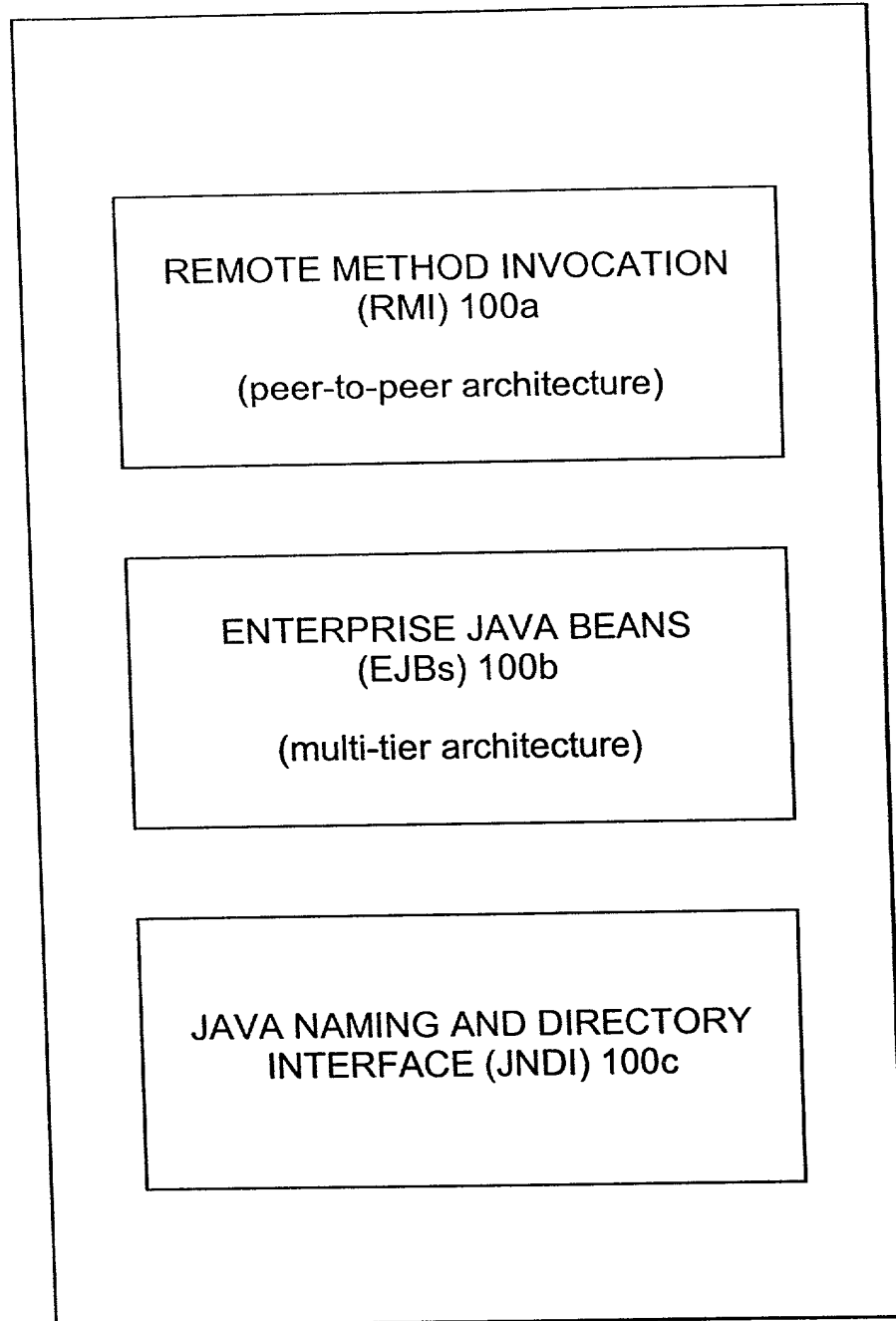


FIG. 1B
(PRIOR ART)

MULTI-TIER
ARCHITECTURE

160

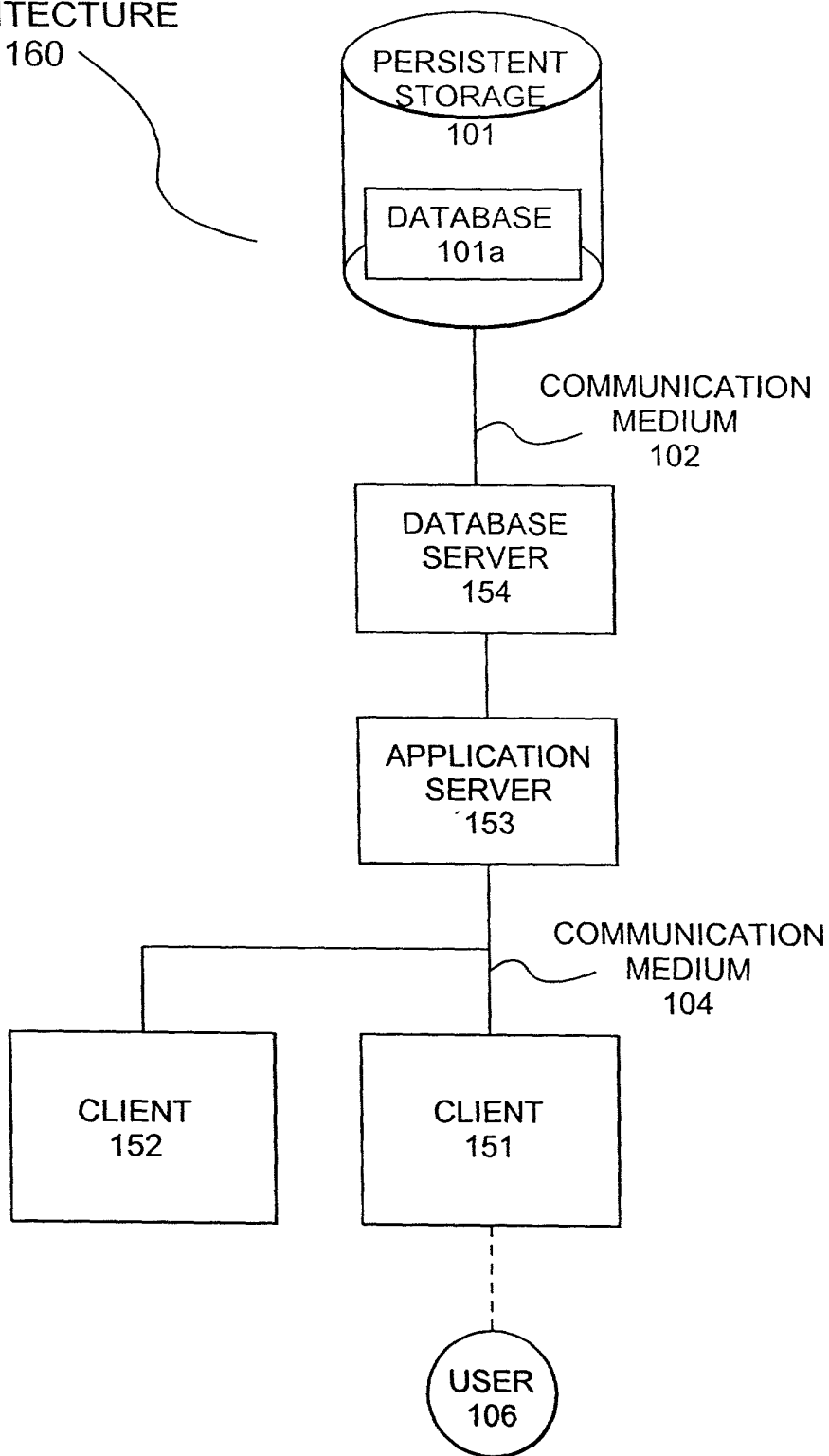


FIG. 1C
(PRIOR ART)

PEER-TO-PEER ARCHITECTURE 214

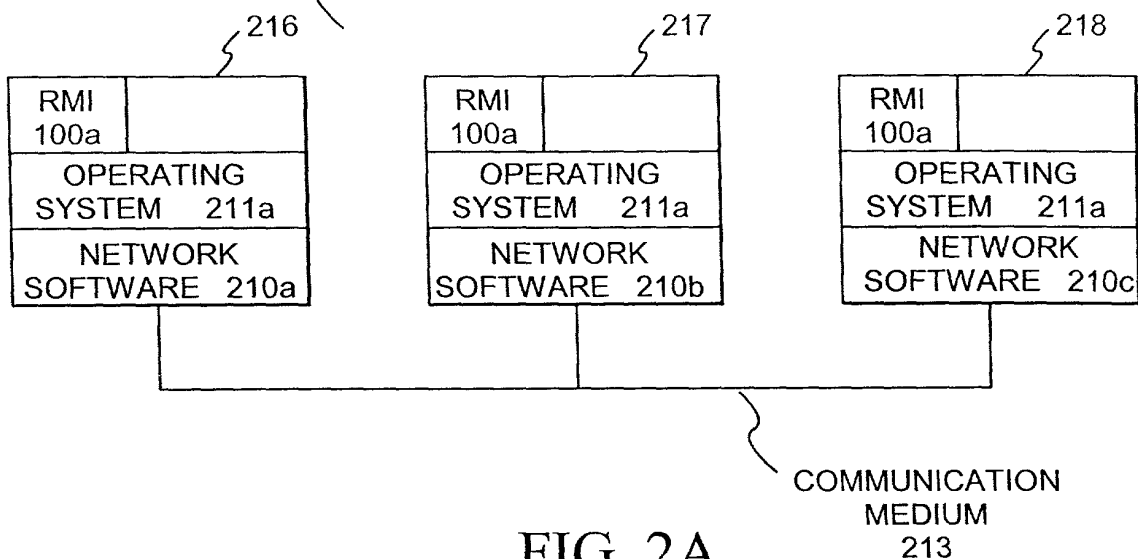


FIG. 2A
(PRIOR ART)

TRANSACTION PROCESSING (TP) ARCHITECTURE 220

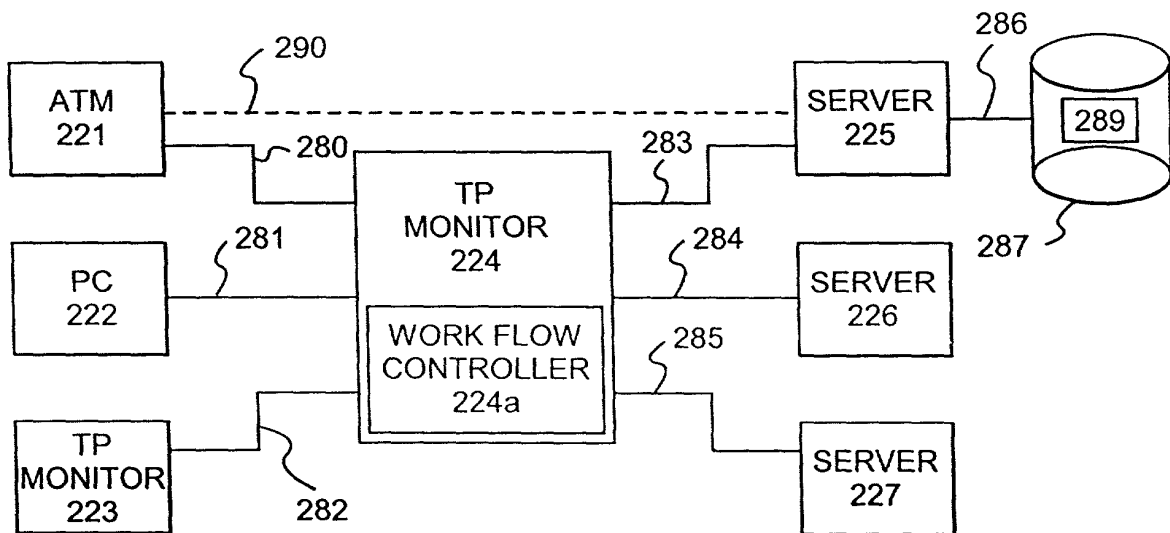


FIG. 2B
(PRIOR ART)

380

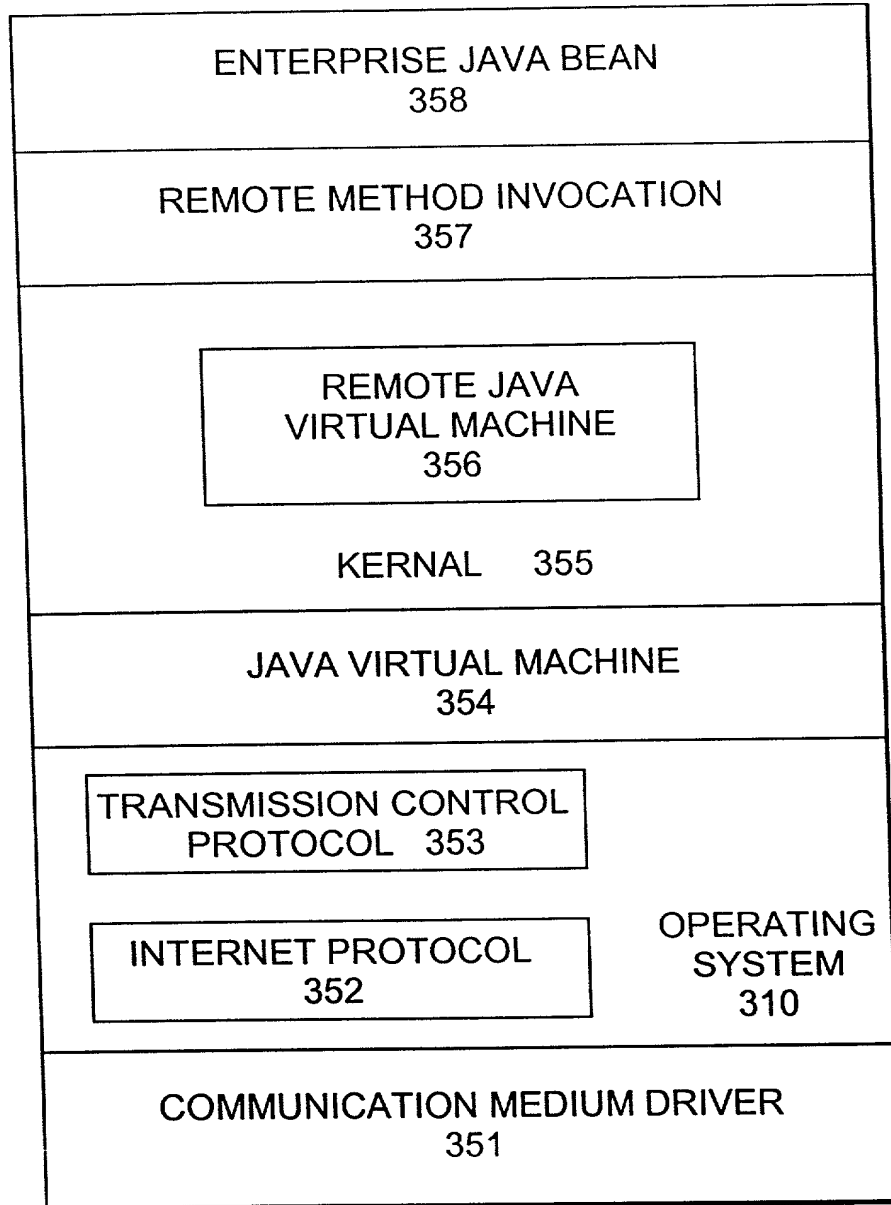


FIG. 3A

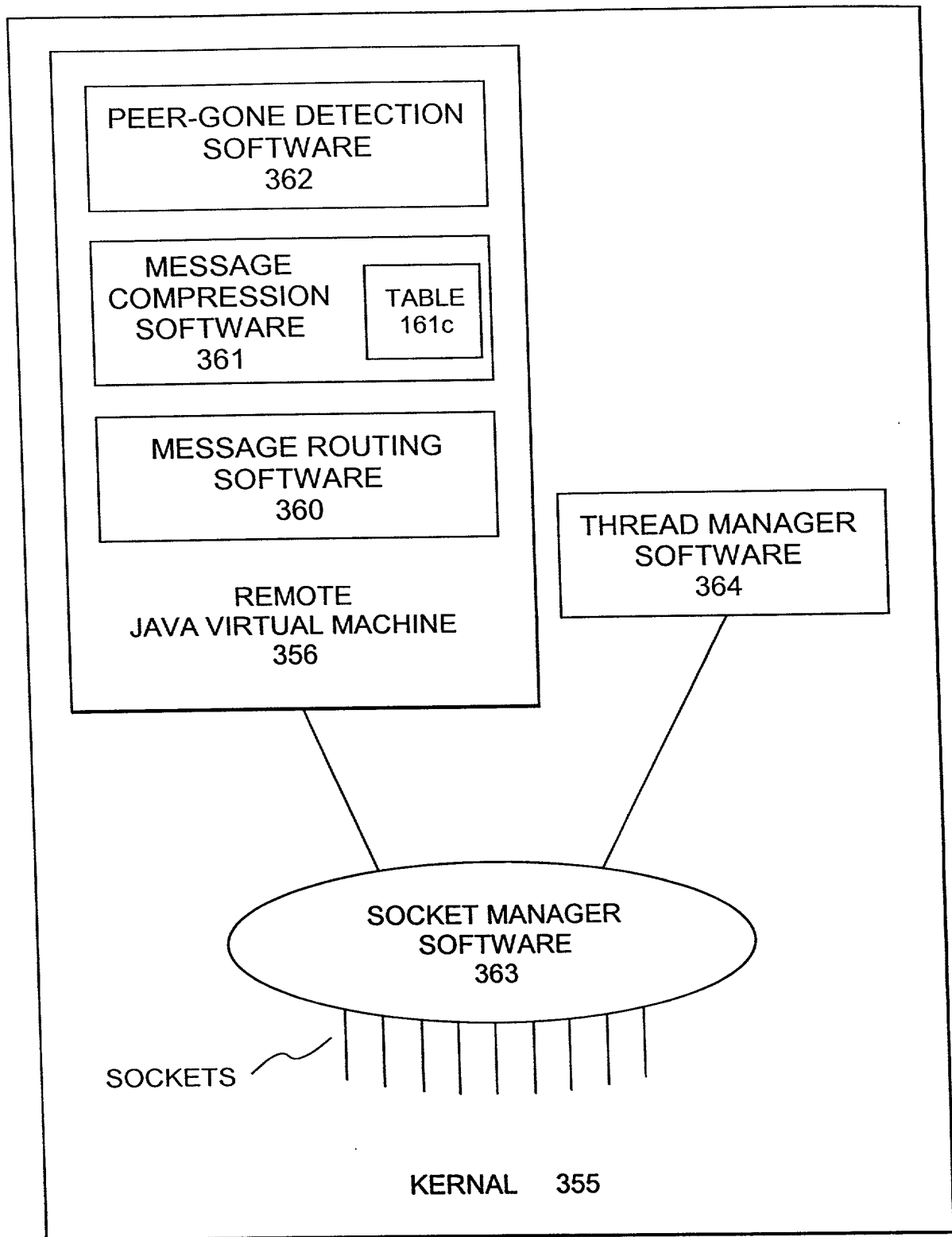


FIG. 3B

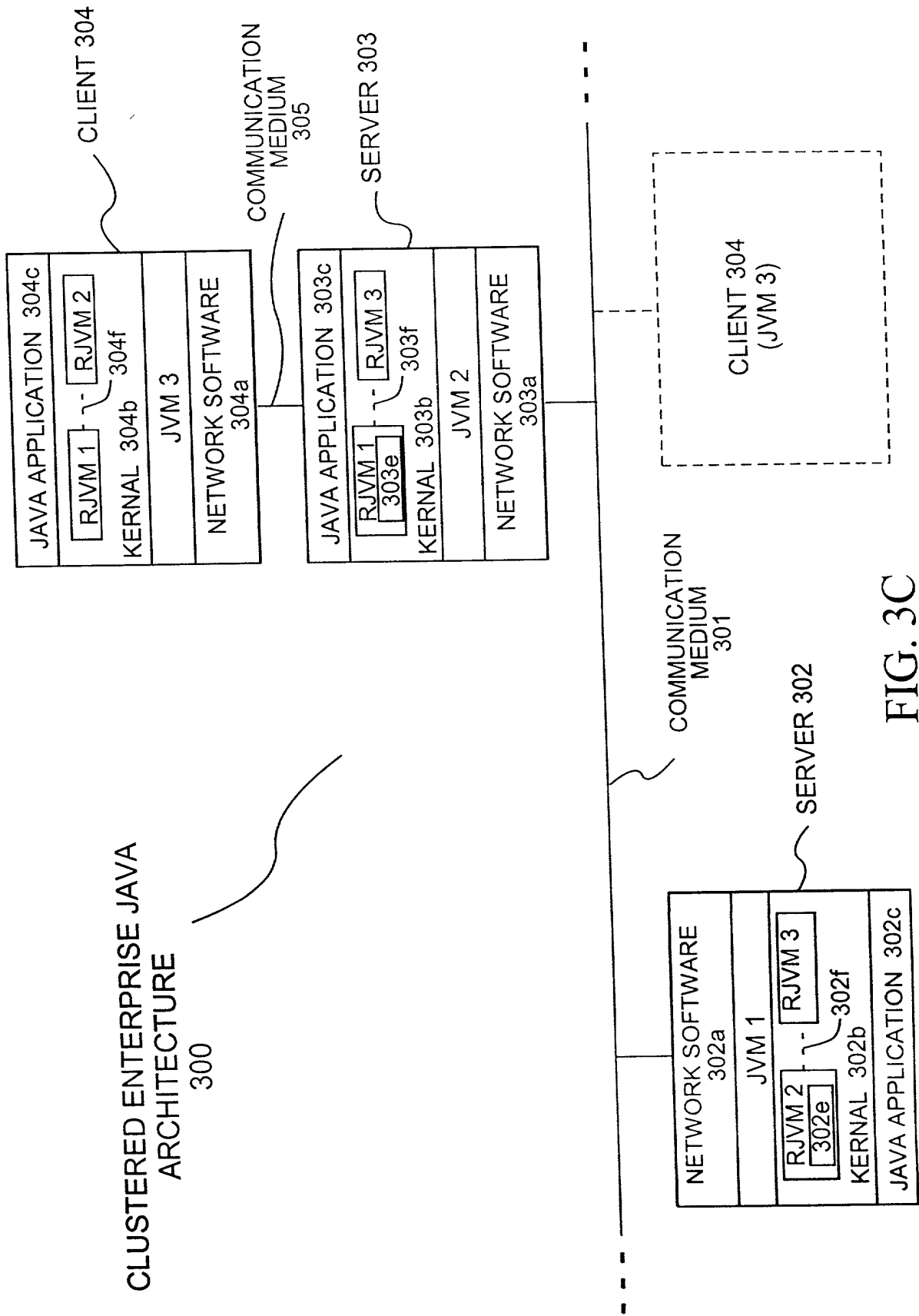


FIG. 3C

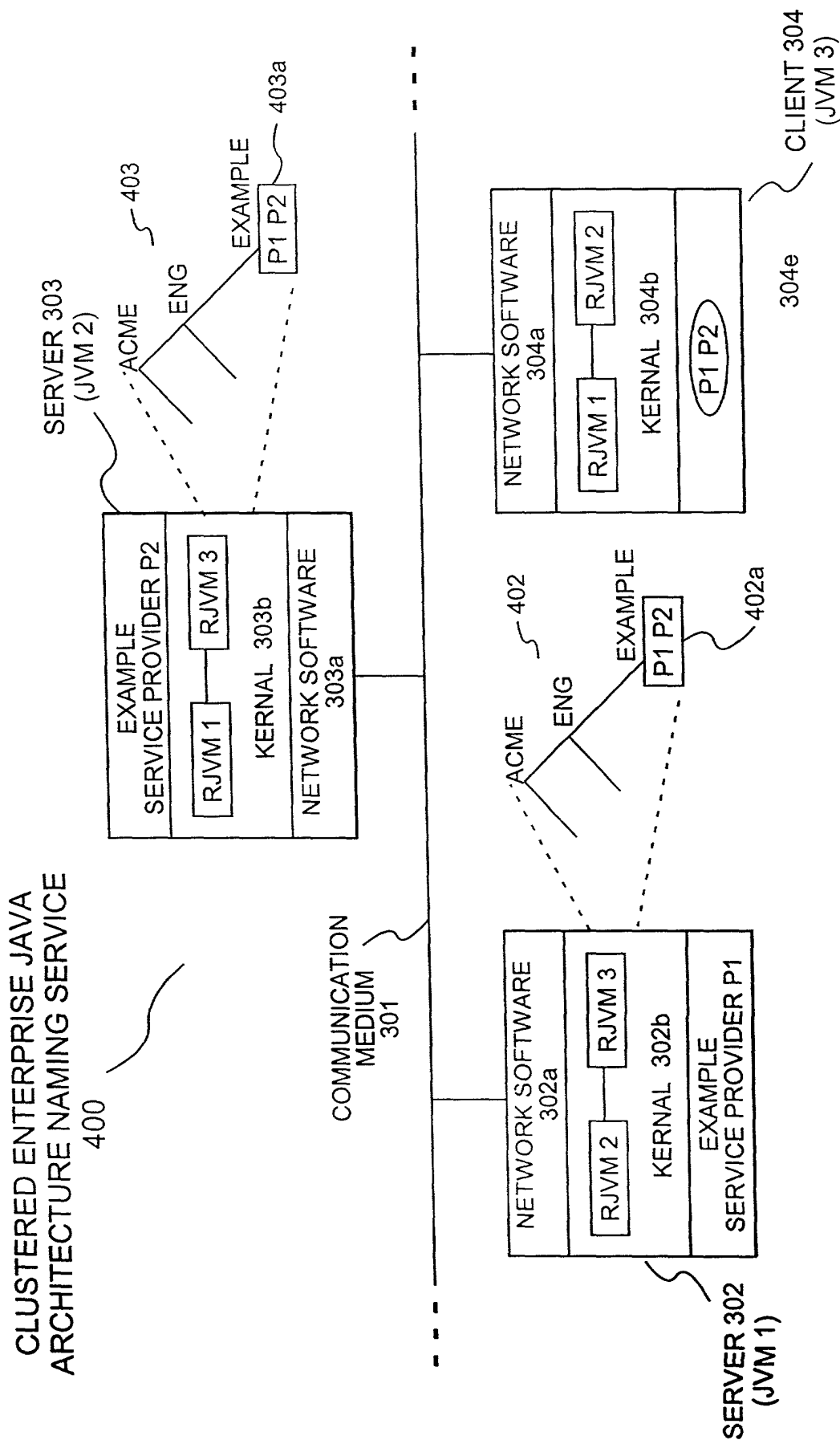


FIG. 4

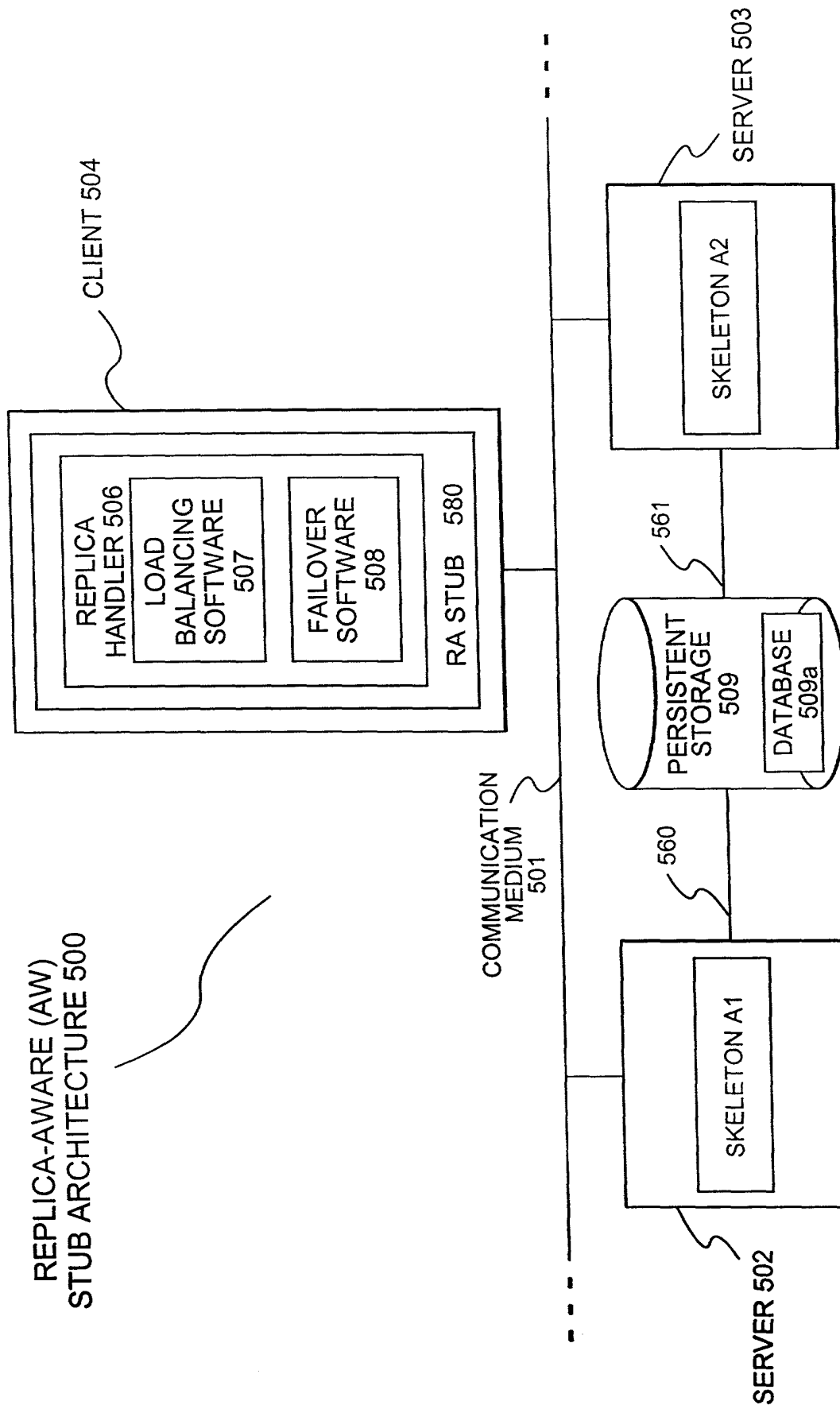


FIG. 5A

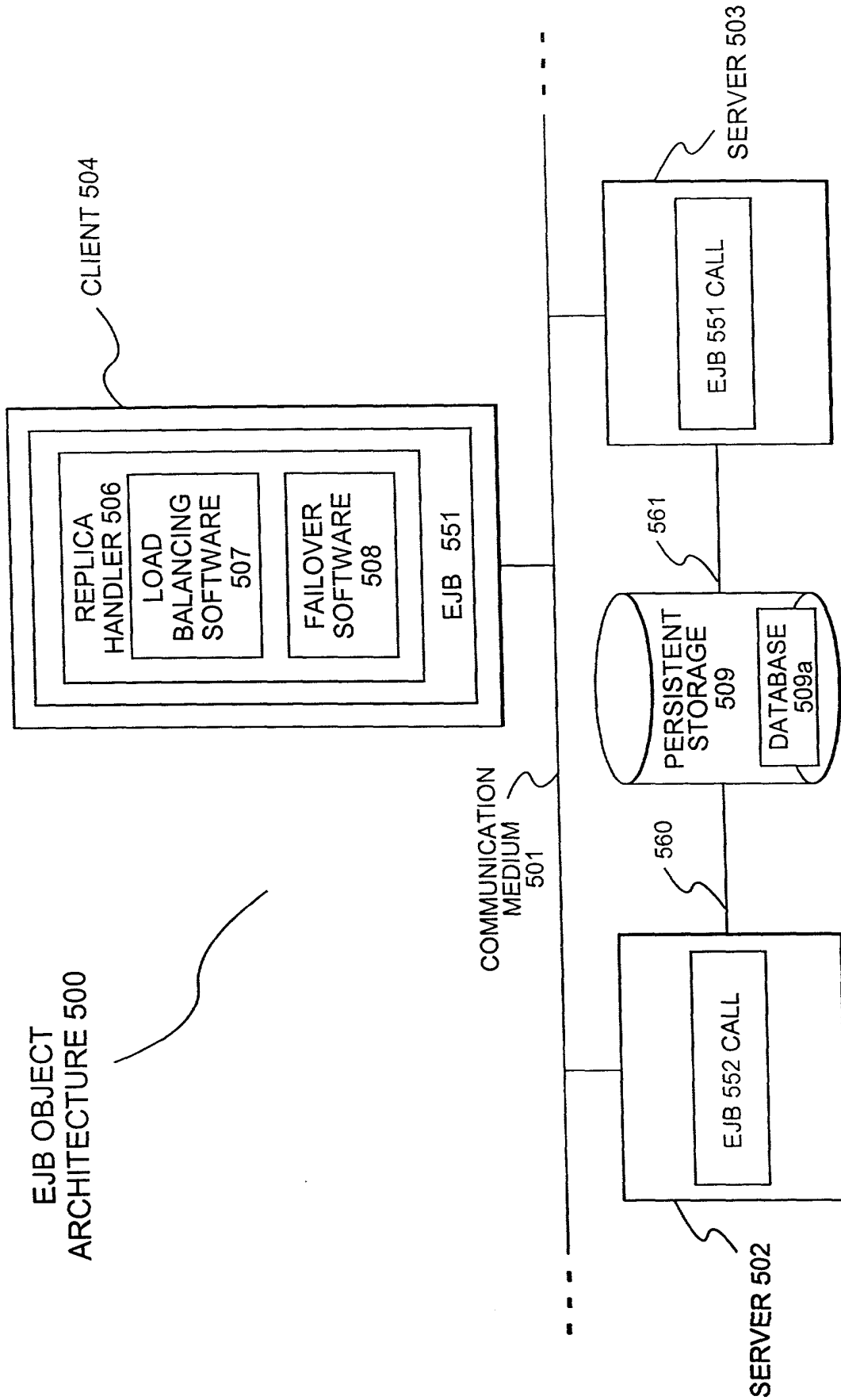
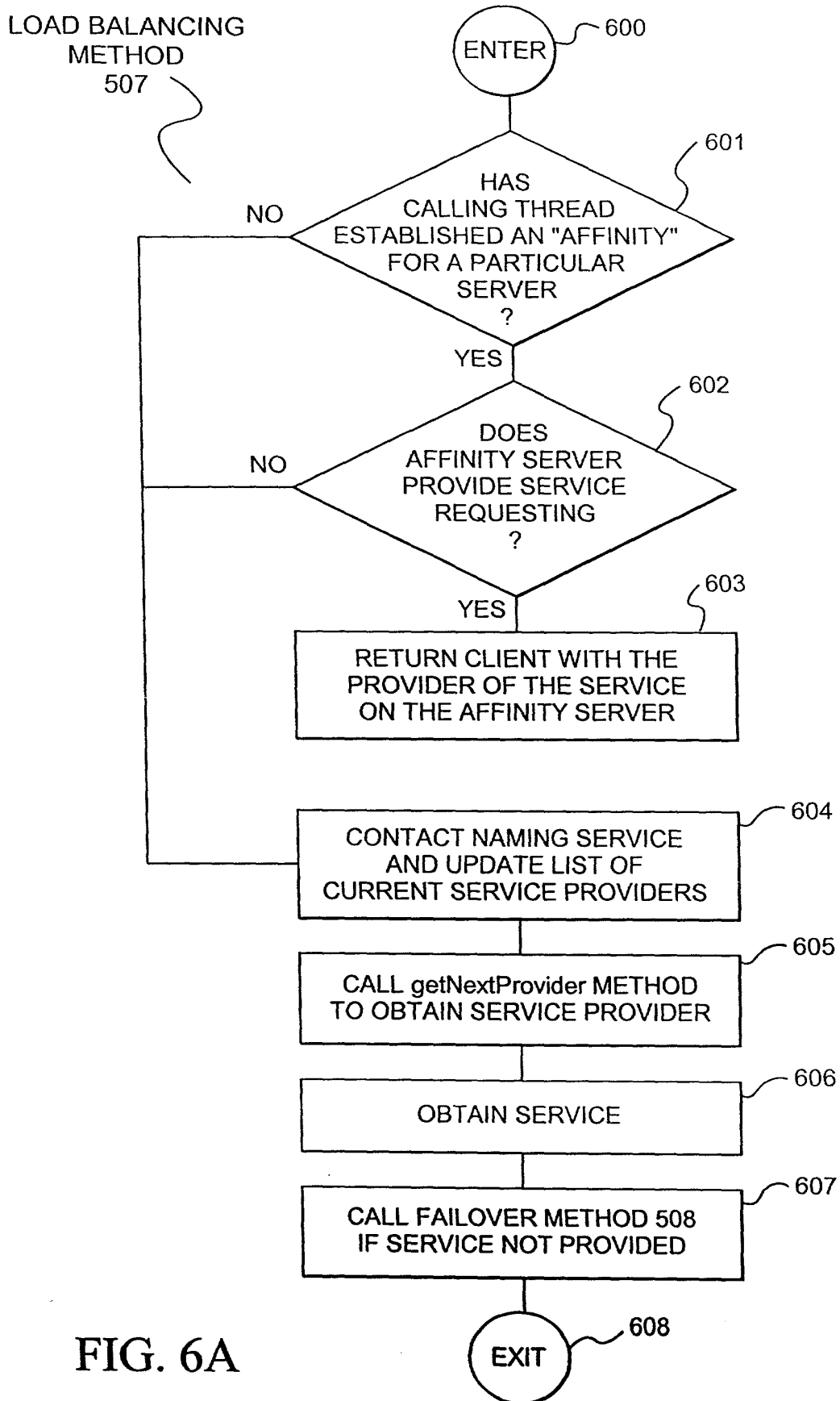


FIG. 5B



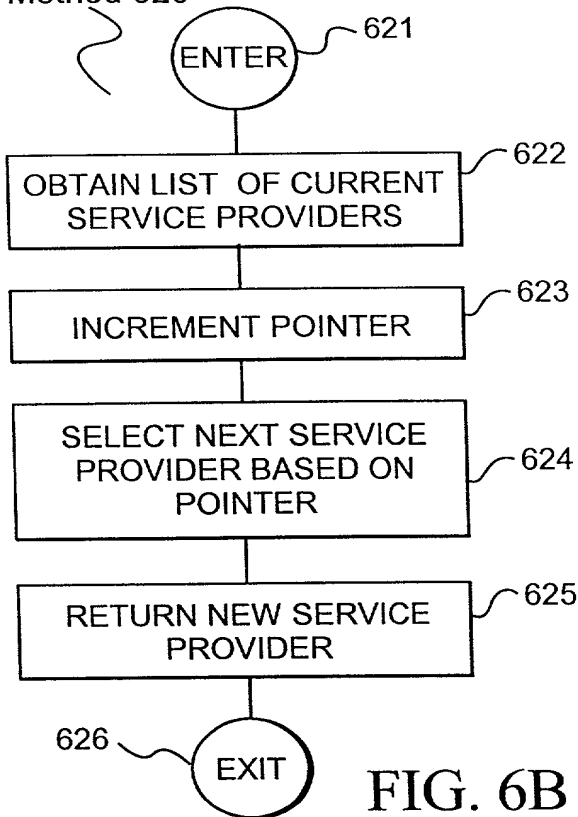
getNextProvider
Method 620

FIG. 6B

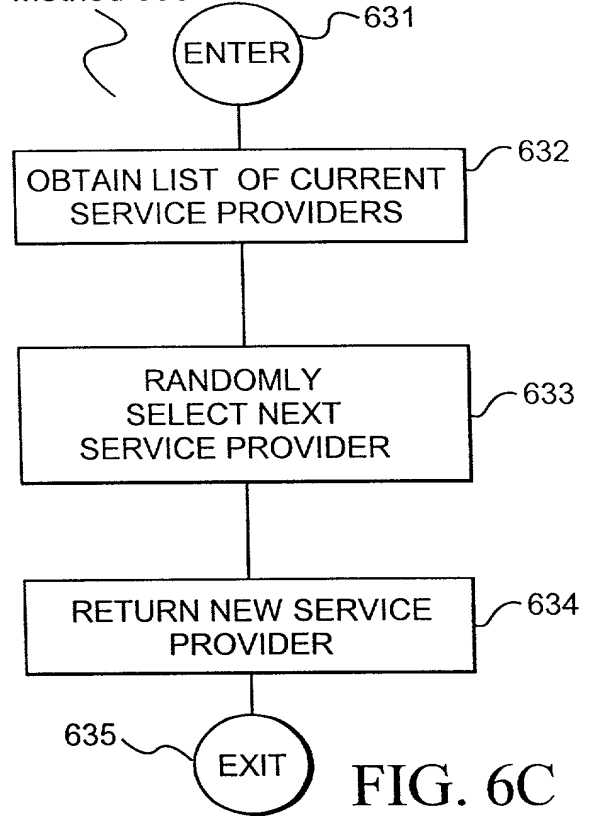
getNextProvider
Method 630

FIG. 6C

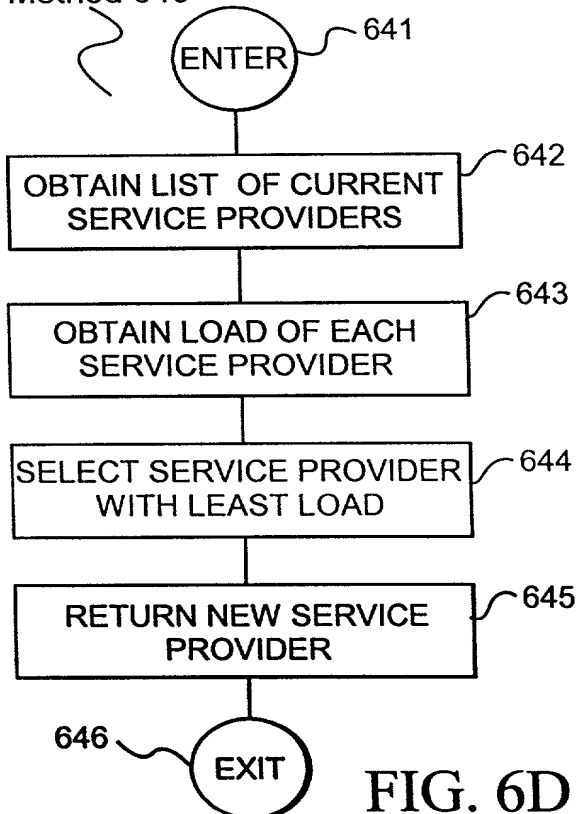
getNextProvider
Method 640

FIG. 6D

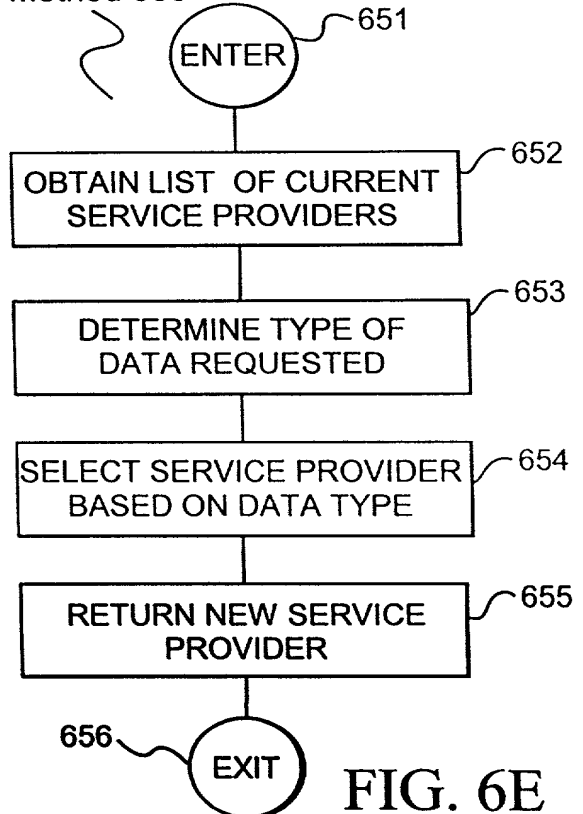
getNextProvider
Method 650

FIG. 6E

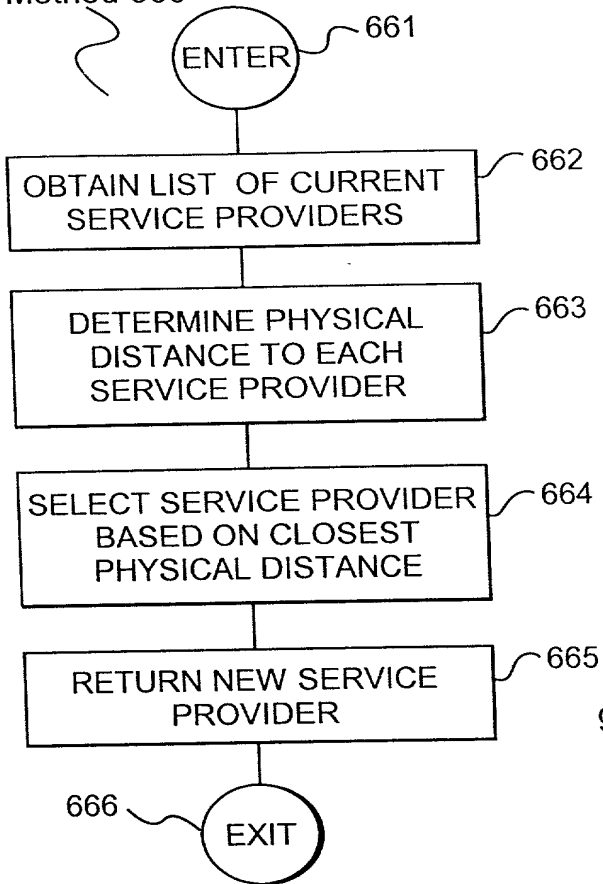
getNextProvider
Method 660

FIG. 6F

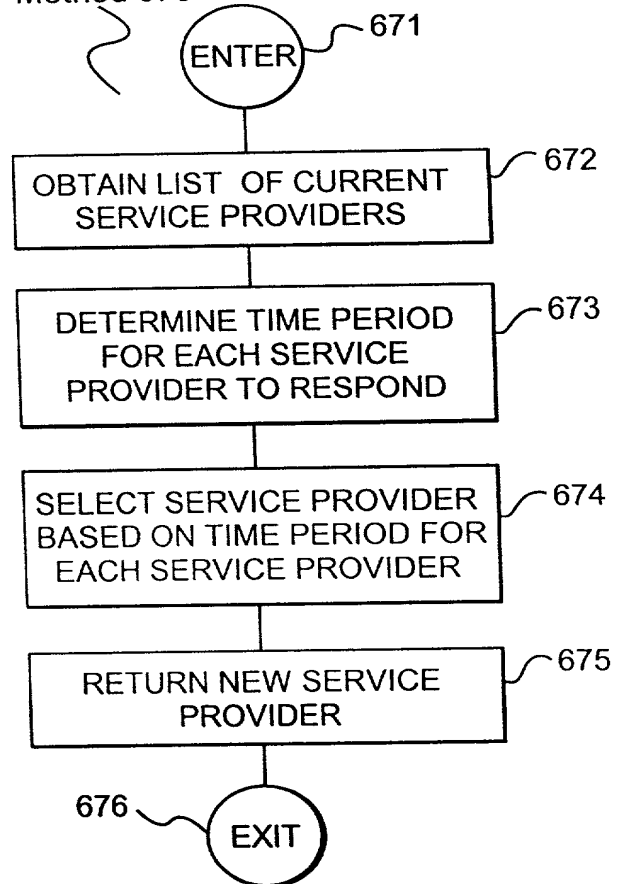
getNextProvider
Method 670

FIG. 6G

FAILOVER
METHOD 508

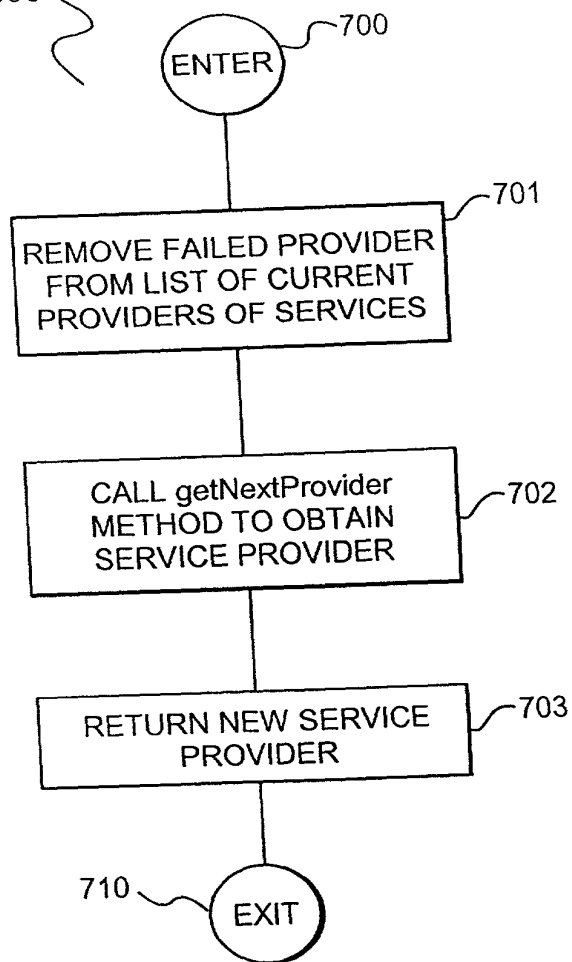


FIG. 7

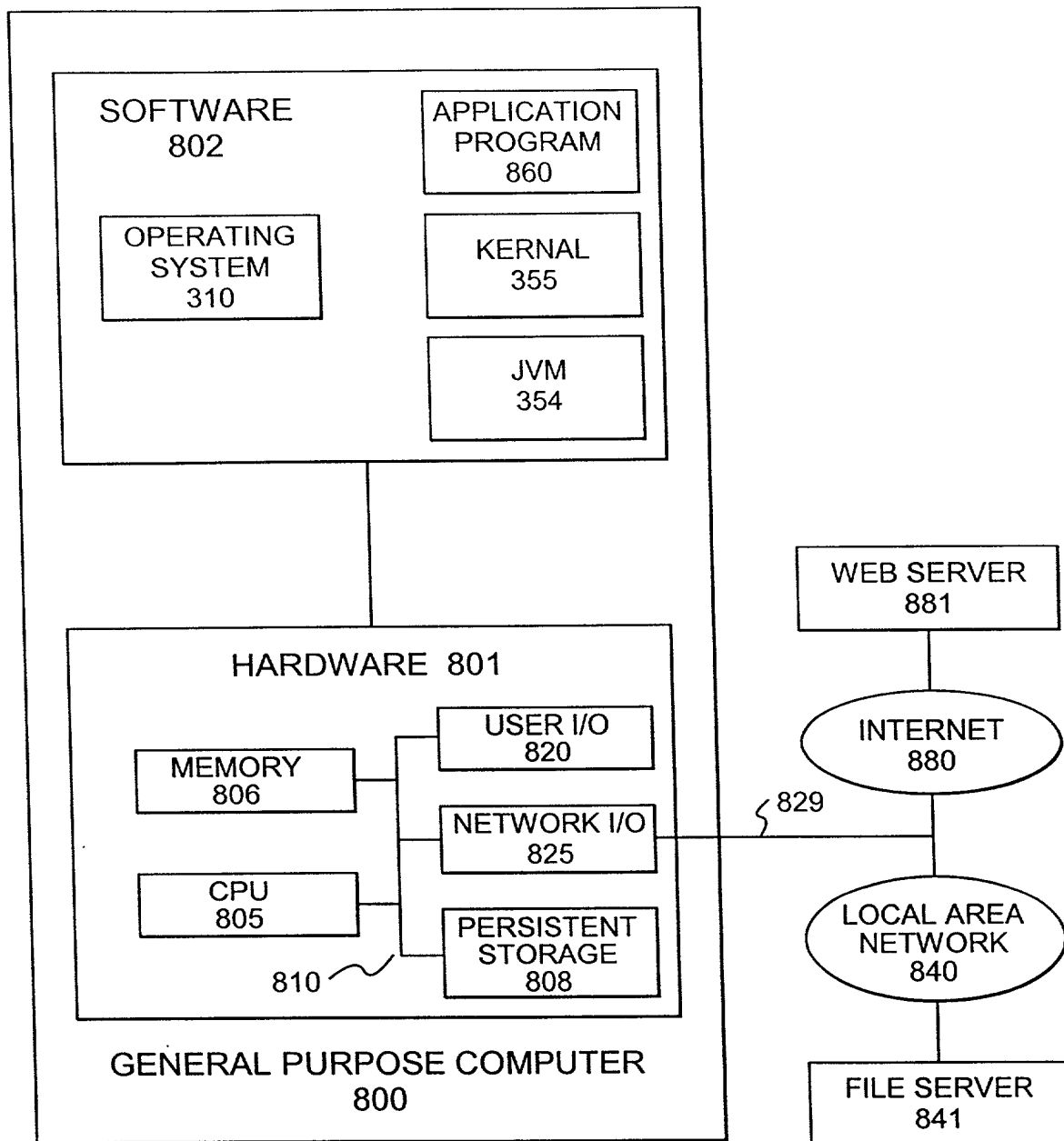


FIG. 8